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1. An elevator system, comprising:

at least one guide rail;

a cab that is adapted to move along the guide rail; and

5 a guiding device associated with the cab and including a roller mount, a plurality of rollers supported on the mount such that the rollers rotate about axes that remain fixed relative to the mount and a biasing member resiliently urges the mount such that the rollers contact opposite sides of the guide rail and the guiding device automatically positions the cab relative to the guide rail.

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2. The system of claim 1, wherein the guiding device includes a base and the roller mount is moveably supported on the base.

15 3. The system of claim 2, wherein the biasing member urges the mount relative to the base to thereby urge the rollers into engagement with the rail.

4. The system of claim 1, wherein the biasing member comprises a spring.

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5. The system of claim 2, wherein the biasing member urges the roller mount in a direction that resists lateral movement of the base relative to the guide rail.

25 6. The system of claim 5, including at least one low-friction insert supported on the roller mount, the insert being adapted to resist movement of the base in a direction perpendicular to the direction of lateral movement resisted by the biasing member.

7. The system of claim 2, including a roller oriented generally perpendicular to the rollers supported on the base.

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8. A device for guiding movement of an elevator cab along a guide rail, comprising:

5 a base;
a roller mount moveably supported by the base;
a plurality of rollers supported on the roller mount such that roller axes remain fixed relative to the mount; and
a biasing member that urges the roller mount in a direction to urge the
10 rollers into engagement with opposite sides the guide rail.

9. The device of claim 8, wherein the roller mount selectively rotates about an axis and the biasing member urges the roller mount to rotate in one direction about the axis.

15 10. The device of claim 8, wherein the biasing member comprises a spring that resiliently maintains the roller mount in a selected position.

20 11. The device of claim 8, wherein the biasing member is operative to center the base relative to the guide rail.

12. The device of claim 11, including at least one other member that is operative to resist movement of the base in a direction perpendicular to a plane of the base.

25 13. The device of claim 12, wherein the other member comprises an insert supported on the roller mount.

30 14. The device of claim 12, wherein the other member comprises a roller supported by the base and having an axis of rotation that is perpendicular to axes of the plurality of rollers.

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15. The device of claim 8, wherein the roller mount includes a brace member extending generally parallel to the roller axes and that is adapted to engage a surface on the guide rail responsive to lateral movement of the base relative to the guide rail.

16. The device of claim 8, wherein the base includes a guide surface adapted to engage a surface on a guide rail responsive to lateral movement of the base relative to the guide rail.

17. The device of claim 8, wherein the biasing member comprises a spring and a threaded member for adjusting a distance between a support surface on the roller mount and a support surface on the base to thereby selectively adjust a tension on the spring.